

EMERGENCIES AND EYE DISEASES OF Fye Engregories Of the section o

FIG. 2

FIG. 3

<u>FIG. 4</u>

CONTACE FENSES

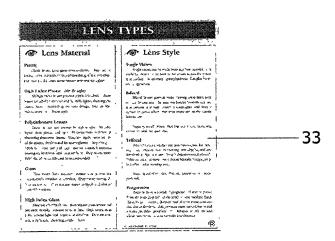
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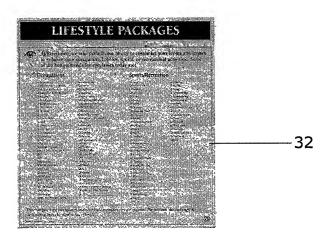


FIG. 6

FIG. 7

FIG. 8









Bicycling	Description of Visual Tasks
DICACHINA	From a "gearhead"
	bicyclist to a five-year-old
	wobbler, today's sport of
	bicycling requires "eyes in the
	back of one's head." He or she
	must maiotain vigilance in
	peripheral vision as well as
	straight-ahead vision, watching
	for traffic and potential hazards
W WWW.60V6.C	Description of Visual Tasks From a "gearhead" bicyclist to a five-year-old wobbler, today's sport of bicycling requires "eyes in the back of one's head." He or she must maintain vigilance in peripheral vision as well as straight-ahead vision, watching for traffic and potential hazards on the road. Eyes must be protected from glare and irritations such as dust and sand — or flying insects!
LENSES Long Material:	Eyes must be protected
Plastic	from glare and irritations such as
Hi Index plastic	dust and sand - or flying insects!
Polycarbonate Glass	
Hi – index glass	Survey and the survey of the s
Other	
0.004	TRAMES
Lene Style: Single vision	Sugar Matrials:
Bifocal	H Motel
Trifocal	Plastic Hypo-allergenic metal
Progressive (no – line bifocal)	Fig. 1 ship, and Korro mount
Golfer bifocal Progressive computer	CONTACT LENSES
Computer Trifocal	Contact Materials:
Occupational Bifocal/Trifocal	Soft contacts Rigid Gas Permeable (RGP)
Special multi – focal lenses	Contact Law Style:
Other	Spherical
Less Profile:	Toric
Spherical	Bifocal Mono-vision
Aspherical	Specialty lenses
Li Rens Enlinecumentes	Contact Line Went
	Regular or Disposable
Anti-reflective coating Scratch resistant Coating	H extended
Tints	flexible
Indoor	
Sun-activated tints	Contact law and ancommunic:
Thereers/Photobrown	Opaque tints
Transitional Ultra-violent protection	Handling tints
☐ Polarized	Novelty lenses
Other	
Rx For: Date: / / SPHERE / CVI. / AXIS / ADD / PRISM / BASE	
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THE PROPERTY OF THE REAL PROPERTY AND ADDRESS OF THE PERSON ASSESSMENT ASSESSMENT AND ADDRESS OF THE PERSON ASSESSMENT A	

FIG. 10

owling	Description of Visual Tasks
MARITIM	It is of tremendous help,
	when bowling, to be able to see
7-2-2	the distant target of pins
11年99年	clearly.
	Mid-range acuity is
	necessary to view overhead
	automated scoring screens.
	Near-vision sharpness may be
	necessary to read and record
	scores on paper where
<u>LENSES</u>	automated screens have not
Plastic	been installed.
Hi Index plastic	
Polycarbonate	
Gluss Hi index glass	
Other	
	FRAMES Frame Moderials:
Esse Style:	☐ Metal
Bifocal	Plastic
Trifocal	☐ Hypo-allergenic metal
Progressive (no - line bifocal)	CONTACT LENSES
Golfer bifocal Progressive computer	Contact Materials:
Computer Trifocal	Soft contacts
Occupational Bifocal/Trifocal	☐ Rigid Gas Permeable (RGP) Content Love Style:
Special multi – focal lenses	Spherical
Other	Toric .
Louis Profite:	Bifocal Mono-vision
Spherical	Specialty lenses
Aspherical	Contact Love Ween:
Pour Eulianamento:	Regular or Disposable
Anti-reflective coating Scratch resistant Coating	daily
☐ Scratch resistant Coating Tints	flexible
Indoor [Control for all the second seconds
Outdoor	Contact loss autoroments: Enhancement tints
Sun-activated tints Photogray/Photobrown	Opaque tints
Transitional	Handling tints
Ultra-violent protection	Novelty lenses
Polarized Other	
For: Date: L/	
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physics Date: / / is prescrition expires on the date shown	
erve, and is not to be duplicated after this date	OD

FIG. 12

arts	Description of Visual Tasks
	The sharper the acuity,
	the better the aim! That's a
	pretty obvious statement
	concerning dart-throwing,
	although darts must be
	inspected between throws for
	signs of dullness or injury to
	the dart.
	Distant visual acuity is a
	must for dart aficionados.
in€ Astic	Clear vision at near is
astic Index plastic	important, but not as crucial.
ycarbonate	
lass i index cines	
ii — index glass Ober	
	FRAMES
engle vision	France Materials:
igie visitai focal	☐ Metal
ocal	Plastic
gressive (no – line bifocal)	☐ Hypo-allergenic metal
er bifocal	CONTACT LENSES
ressive computer puter Triffical	Contact Materials:
pational Bifocal/Trifocal	Soft contacts
al multi – focal lenses	Rigid Gas Permeable (RGP) Contagt Lone Style:
	Spherical
	Toric
: crical	Bifocal Mana vision
herical	Mono-vision Specialty lenses
	Contact Loss Ware:
mente: i-reflective conting	Regular or Disposable
ch resistant Costing	daily extended
·	flexible
Indoor Outdoor	
activated tints	Contact less milanaments:
Photogray/Photobrown	Opaque tints
Transitional	Handling tints
a-violent protection rized	Novelty lenses
Date: / /	
E/CYL/AXIS/ADD/PRISM/BASE	
ires on the date chows	

<u>FIG. 13</u>

LENSES Lens Material: Plastic Hi Index plastic Polycarbonate Glass Hi - index glass Other Lens Safe: Single vision Bifocal Trifocal Progressive (no line bifocal) Golfer bifocal Progressive computer Computer Trifocal Occupational Bifocal/Trifocal Occupational Bifocal/Trifocal Special multi - focal lenses Other Lens Safe: Spherical Aspherical Lens Enforcementa: Anti-reflective coating Scratch resistant Coating Tinds Indoor Outdoor Sun-activated tints Photogray/Photobrown Transitional Ultra-violent protection Polarized Other	Description of Visual Tasks On both cloudy and sunny days, light is filtered through trees and brush in a woodland setting. A hiker and/ or camper and go from a thick, dark canopy of trees to a bright, glaring river and back again in a matter of minutes. Transition lenses are an affordable luxury. Your adventure is only enhanced if your distance vision is finctuned to enable you to see deer, hawks, and loons with absolute clarity. FRAMES Summa Metallerianianianianianianianianianianianianiani
RY FOR: DAME / D	op

FIG 14

LENSES Lens Medicated: Plastic Hi Index plastic Polycarbonate Glass	Description of Visual Tasks Acute vision for distances between one to five feet is necessary for choosing lures, baiting a hook and checking lines. Clear distant vision is necessary to survey the body of water you're floating on and noting the position of your lure. Sun and glare on the water requires polarized lenses, although for night fishing, clear lenses and a AR-Coat is recommended.
Constitute Single vision Bifocal Trifocal Progressive (no – line bifocal) Golfer bifocal Progressive computer Computer Trifocal Occupational Bifocal/Trifocal Special multi – focal lenses Other Come Superical Aspherical Aspherical Anti-reflective coating Tints Indoer Outdoor Sun-activated tints Photogray/Photobrown Transitional Ultra-violent protection Polarized Other	FRAMES Sense Metal Plastic Hypo-aftergenic metal CONTACT LENSES Contact Materiola: Soft contacts Rigid Gus Permeable (RGP) Contact Lone Style: Spherical Toric Bifocal Mono-vision Specialty lenses Contact Lone Mone: Regular or Disposable daily extended flexible Contact Cone enforcement tints Opeque tints Handling tints Novelty lenses
Ba For: Date / / SPHERE / CYL / AXIS / ADD / PRISM / BASE OD / / / OS / / / Expiration Date: / / This propription expires on the date shown Above, and is not to be duplicated after this date	OD

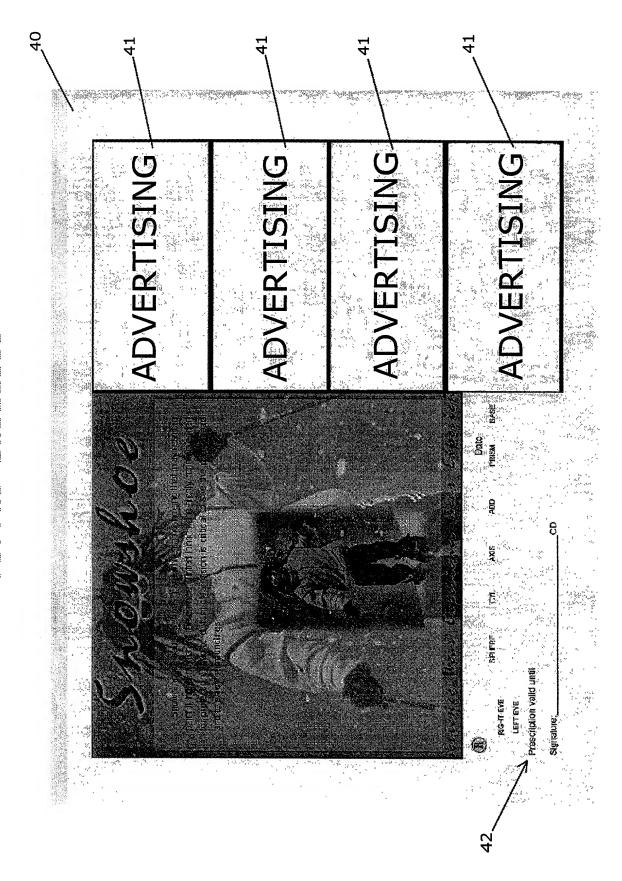


FIG 16

EMERGENCIES AND EYE DISEASES



Eve Emergencies

Conditions requiring immediate attention:

- 1. Sudden loss of vision.
- Loss of vision like a curtain coming down.
 Occasionally associated with sparks. Jashes

of light, and with floating dust-like perticles

- 3 Pain in the eye with colored halos around lights.
- Foreign object imbedded in the eve.
 (Especially coming from hammering or use of power tools, i.e. metal hitting metal.)
- Blum trauma to the eye.
 (Especially small bulls, i.e. mequalitall)
- Chemicals in the eye.
 Total symmetries action before railing. First
 flish eye with a coal stream of water for about
 20-30 minutes, then call, and come in
 immediately.

If there are any questions of concerns about your eyes, call us!



Clinical Services

At Rivertown Eye Center, our doctors treat eye diseases and conditions such as

- 1 Glaucoma
- 2. Intis
- 3. Conjunctivitis (Finh Five)
- 4. Dry Eyes
- 5. Removal of foreign bodies

Rivertown Eve Clinic provides post-op care for many types of eye surgeries, and can assist you when you need to be referred for more specialized care.

RED EYES?



Call Our Doctors!

We value and encourage your suggestions, comments, and yes, even any complaints

Your complete satisfaction is our ultimate goal.

Please call and give us your thoughts at: 612-601-6029

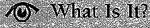
After Hours

Home: 651-437-7929 Cellular: 651-485-7809

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REFRACTIVE SURGERY



Reliablive surgery is eye surgery designed to decrease or shiminate rearsightedness, larsightedness, singlest assignments in Diamatic advances in the post law years have expanded the options smallable, as well as the range of people who can be trested. The procedure itself is paintess and takes about 10 minutes per eye. Both eyes can be done the same day

So, I'll Never Have To Wear Glasses Again?

- Reduces one's dependence on glasses or contact lenses.
- Many can work, drive, enjoy spons and hobbies, watch movies, and see their alarm clock, without having to wear corrective lenses.
- Most will still require reading glasses once their eves reach a certain "maturity"
- Some may need a minor correction to help with night driving and g are.
- There is never a guarantee of "perfect" 20/20 vision.

What Criteria Do I Have To Meet To Have The Surgery?

- · At least 48 years old.
- . Good general health and good eye health.
- Stable prescript on that has not changed much within the past year.
- No physical conditions or medications that would complicate the surgery
- Discontinue contact lens wear; 1 week to 3 months, depending on lens and surgery type.
- · Realistic expectations.

Is There More Than One Kind Of Refractive Surgery?

- Lasik: Most continon, less complications, very sat visual recovery, can be enhanced (performed multiple umes to update or tweek' prescription.
- Intace: Can be reversed limited prescription range, no interference with geniral comea;

- Implanted contact lenses: Very wide range of prescriptions, more extensive procedure.
- Radial Keraticomy / Assignatic Keratotomy / Photo Refractive Keratectomy: Least common, califer jectinology greater risk of complications fonger recovery time.

How Do I Decide Which Type Of Refractive Surgery Is Best For Me?

- Talk to your Optometrist
- · Consultation with a surgery center
- Your particular prescription or eye conditions may limit choices.

What Happens Afterwards?

- . Vision dramatically improved almost immediately
- Follow-up visits with your regular Optometrist to monitor progress.
- Eubficating drops to ease mutal dry feeling and loreign body sensations.
- · Resume most normal activities within a few days:

Will My Insurance Cover This?

- . Most do not provide any coverage.
- · Some provice for discount personage at certain climes
- Some pie-tax medical spending plans or union policies may provide some coverage.

Services Available

- Education and consultation in our office
- Evaluation and comprehensive eye examination.
 Discussion of possible risks, our omes and exposiations.
- * Discuss and set up post-operative care
- Referral to surgery center of choice

FIG 17(a)

EYE HEALTH &	VISION REPORT
Eye Health	Vision Report
A. External Eye Health	1: Normal (No correction needed)
Abnormalities Cornea Lids Conjunctiva Lacinnal System Other Tindings:	2. Abnormalities Myopia (near sightedness). Hyperopia (Jarsightedness). Astromatism (not a point focus). Presbyopia (nead for bifocol). Poor Eye Muscle Coordination. Amblyopia (lazy eye). Other
### Recommendations:	4: Recommendations: Classes Contacts Refractive Surgery Visual Therapy
E. Internal Eye Health I. Normal	☐ Monitor Condition: ☐ Referral to other specialist ☐ Other
2. Abnormalities	Your Next Appointment We Recommend: A foutine eye examination Consulting Progress check-up Firther testing
4. Recommendations:	Month

FIG. 18

Our Recommendations We make the following recommendations, based.	Frames
on our findings during your examination	Frame Material
Lens Types	D Hypo-allergenic metal
Lens Material	Contact Lenses
☐ Plastic ☐ High Index Plastic ☐ Coless ☐ High Index Glass ☐ Other ☐ ☐ Colless ☐ Other ☐ ☐ Dens Style ☐ Single Vision: ☐ Beforal ☐ Progressive uncline bilocal ☐ Coller Bilocal ☐ Progressive Computer ☐ Computer Trifocal ☐ Occupational Bilocal/Infocal ☐ Operal Multi-Bilocal ☐ Other	Contact Material Soft Contacts Rigid Cas Permeable Contacts (RPC) Contact Lens Style Spherical Toric Biliteal Mono-vision Specialty Lenses Contact Lens Wear Regular or Disposable Daily Entended Flexible Contact Lens Enhancements
Lens Profile Graphereal	Opaque Tints Filandling unts Novelty Lenses
□ Aspherical Lens Enhancements □ Arthereflective Coating □ Scratch Resistant Coating Fints □ Indon □ Outdoor	Corrective Surgery Refrictive Surgery Caranact Surgery Lic Surgery Other
Sur-activated Tints Photogray/Photobrown* I transitions Profession Polarized Other	PX For Date // /

FIG 18(a)

CONTACT LENSES

Exploring Your Options

If you are considering comacis for the first time, thinking about switching lenses, or trying their again, take some time to explore all your options

Contact lenses provide more natural vision.

Contact lenses fit directly or the eye with no frame to obstruct your view. This allows for better peripheral vision. Contact Tenses closer cause unnatural magnification of objects as eyeglasses sometimes do. Things appear closer to their natural size.

The convenience of context lenses make them a great choice for active lifestyles, since they fit right on your eye. They will not fog up, scratch as easily, or stice down your nose.

There is an incredible array of contact lens choices available.

With today's technology, nearly everyore can wear contact longer successfully whether you are nears glitted, for sighted, have assignatism, or rised brocals. There are a wide variety of crises to choose from including soft or rigid. Ienses, disposable, or colored contacts to enhance or change your eye color.

Cur staff will always take the time to explain and reconnected a lens that will work best with your particular vision needs and still your lifestyle.

Contacts or Glasses?

Choose Both!

To ensure that you are able to meet your evencar needs at all times, you should have both connects and glasses. If you wear contacts the majority of the time, you should still have glasses on hand in one you damage a lens. Also, for optimum eye health; it is a good idea to remove your contacts for at least an hour or two each day to supply the corner with sufficient oxygen.

During your consultation, talk to our contact one specialists about your ability to wear contact oness. Even if you cannot wear lenses for an extended period of time, many people can went them on a limited basis for sports or social engagements.

10

Services Available

- · Contact lens consulting
- Guaranteec success programs.
- Solution Club card
- Free trail lenses (some restrictions apply)
- Bieless coal training for insertion and removal of contacts.
- Specially priced eyewear for contact lens weaters

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Contact Lens Materials

Soft Contacts

Soll confacts are very thin and cover the whole cornea-They are more sopular than rigid lenses because they are much riore confortable to wear.

Rigid Gas Permeable Contacts (RGP)

RGP lenses allow oxygen to pass straight through the lens to the cornea. RGP erises provide sharper vision and are easier to care for than most soft contacts.



Contact Lens Styles

Spherical

Corrects nearsightedness and law gritedness

Corrects astigmatism

Corrects distant as well as near vision.

Mono-vision

Corrects distant and near vision by focusing one eye for distance vision and one eye for near vision.

Specialty Lenses

There are custom designed lenses to correct unusually high amounts of astigniatism. Jursightedness, inconsightedness and conditions like keratocomus.

Contact Lens Wear

Regular or Disposable

Regular are usually replaced after one year. Disposable are tediaced anywhere from one dante two months, depending on ens type

Daily

Worn on a daily basis, they are taken out and cleahed prior to sleep

Extended

are usually be worn a week at a time, without nightly,

Flexible

Can o casionally wear overnight.



Contact Lens Enhancements

Enhancement Tints

Surfacentifate or deepen the shade of light colored eyes. The color of the lens plus a persons eye color combines to give the eye a unione look

Opaque Tints

Thanges pour eye color. Can make a historieve blue

Handling Tints

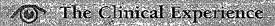
Slightly timed also to make them easier to see. They generally don't affect eye color-

Novelty Lenses (Wild Eves")

Primarily for special effects. For example: "Car-eves" for

FIG 19(a)

THANKS FOR CHOOSING RIVERTOWN



There are 3 parts to our comprehensive eve examination.

 Getting your eyes to see their best, both far and near, with comfort and efficiency.

Testing Includes:

- Focusing ability
- Eye muscle coordination
- Depth perception
- Color perception.

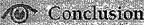
Testing the health of your eyes.

Testing May Include:

- Initial ocular pressures for glaucoma
- Side vision assessment.
- Cornial topography (surface shape of socree)
- A thorough, dilated lundus exam 'test can' reveal eye discuses as well as general: health problems)
- Education to understand your eye conditions and recommendations on how to correct them.

There are a number of options:

- New advances in contacts
 New lens and frame technologies
- Reliactive surgery



We take the time to show you the best way to meet your lifestyle needs. When you leave, we liope our Riverrown Eye Care Team has made your visit a most valuable and pleasurable experience. We want to thank you agait, for choosing its and recommending our services to others

(999 Risconnen Eye Cemer

ENS TYPES



Lens Material

Plastic

Plastic lenses have great optical clarity. They can be tinted, come in a wide variety of lens designs, are cost effective, and are 23 times more impact resistant than glass.

High Index Plastic (thin & light)

All high index lenses provide a 95% UV block. These lenses are 20-65% thinner and 20-40% lighter than regular plastic leases, depending on lens design, lens profile, index, power, and frame style

Polycarbonate Lenses

These lenses are extremely lightweight, 20-30% lighter than plastic, and up to 40 times more resistant to shattering than other lenses. They are highly recommended for sports, children and for safety glasses. They also give 100% UV protection and they come with scratch resistant. coating on both front and back surfaces. They reflect more light, therefore an AR-Coat is recommended.

Glass

Glass lenses have excellent optical clarity, and are exceptionally resistant to scratches. They are on average 2. 3 times heavier. They are also easier to break and shatter. than other leases.

High Index Glass

They are 20-40% thinner than regular glass lenses and are exceptionally resistant to scratches. High index glass reflects more light and requires an AR-Coat. They are considerably heavier than High-index plastic.

🐠 Lens Style

Single Vision

Single vision can be made from any lens material. It is made to correct either near or far vision across the whole lens surface. It corrects nearstghtedness, farsightedness. and astigmatism.

Bifocal

Bifocal lenses provide wide viewing areas both near and far, in one lens. Because the border between the two lens powers is abrupt, vision is interrupted and images appear to jump when your eyes move across the visible bifocal line.

Major types of bilocals. Flat top, curve top around seg. executive, and occupational.

Trifocal

Trifocal lenses contain three lens powers; one for viewing distant objects, one for viewing near objects, and one for viewing objects at arms length (intermediate distance). Trifocals have the same properties as bifocals; images jump; but offer a wide viewing area.

Major types of infocals. Flat top, executive, and occupational.

Progressive

Because there is a gradual progressive change in powe from distance (top half of the lens) to intermediate (midcle of lens), to reading (bottom half of lens), there is no vistble line in the lens. This provides more natural vision and a more youthful appearance than bilocals or trilocals, and allows wemen to focus at virtually any distance.

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Lens Style (cont.)

Golfer Bifocal

Allows holders to see close up (to keep score) and still be adde to play golf without merference of a traditional bilocal.

Progressive Computer

They work well for anyone who does extended periods of near and intermediate tasks. Especially beneficial for computers work

Computer Trifocal

For computer use, allows for a larger stow of the screen with less need movement.

Occupational Bifocal/Trifocal

They provide citar near thich for propin that need to look overhead and below (exc wallpaper hangers librarians, mechanics and Pilote)

Special Multi-Bifocal (Smart Seg*)

This sayle provides more flexible vision for intermediate and near work. It is a combination of progressive and fined lienes.

Lens Profile

Spherical

Although they perform well optically, these can bulge forward from the tim of the huma because of the committees gave on the fond king surface.

Aspherical

These also provide excellent optical performance with the added benefit of a sharner, flatter more attractive lens profile made possible by a gradual lens curve.

Lens Enhancements

Anti-Reflective Coating

ARXCORING 15 a 7. O layer semi-metallic coming applied to the lefts to eliminate glare. Lens reflections on cause eye strain and impute vision in certain conditions, like driving at hight and computer use.

Scratch Resistant Coating

Lenses are given an extra hard country to make them extremely depublic. • All primer lenses, have this as a Can dark feature.

lints.

Indoors Provide comton, especially or those working under thiorescent light

Outdoor: Provide protection as well as common during the day. Improves visual periormance in huming, sheet shooting, fishing, etc.

Sun Activated Tints

Surjective editaries refer to lentes that get timber when exposed to smallght and return to a clear appearance incloses.

Leaves with surfactive educies are available in several materials including glass plastic, high more plastic and polysis behave. The expressions grey, brown, green or uniter.

Ultra-Violet Protection

UV rays from the sun can be harmful to the eyes and appear to contribute to the development of some one conditions. It is wise to obsesse a lens that provides UV pro-faction.

Polarized

Polarized lenses eliminate three plans mid plans reflected from shing strikers.

Polarizing produces better contrast and great deplipe caption while dramatically reducing eye strain and used even

o I vya Ricenovia I ye Center

FESTYLE PACKAGES At Rivertown, we take pride in our ability to customize your lenses and frames to enhance your occupation, hobbies, sports, or recreational activities. Some of the hottest trends for eyeglasses today are: Occupations Sports/Recreation O'se ounder O'dimension to Assesse Disarger O'ding of Congress of Disarger O'ding of Di O Stand O Stony a Reske ball **U** Showboarding G Banking Librotekeeper J Manterpace ⊒ bilang : Q Snowreckling Morketing / Advertising Marrouse / Moreov ☐ Building trapecor O Softbell U ar Sicu U ar Sicu U arpenie U anno U ald U Chi J First Cure: J Mechanic J for the d Assistant J Marchant de blancke in D'Ceramics JAMBary JAM ⊒ Cooking LI These / Mostes → Driving 2 Exercision enchas ☐ Volleyball. ⊒ Fi=hing: G Water Spens University in Q Westing D Football O'Mood Writing 4 Cardening ULYKIZ Work G (d) Consequency Developments Developments Development Developments Developments O Forms O Josephy Burning g ENTArgametic g Regret G Encodes g Sile Q English а Sale С Studen Distress: G Fauret; G Foreighier J Mount Cycling ⊡ Denc Strijer Giftar Strijer U Flomena⊀er Control Community Li Nædkvark Discontinue Direct Efficence Diverse / Waterse / Butenda Diversity / Henry Verking Photography O Recytedio I ☐ Rewling ☐ Rollerblading QONU___ O Interior / Facilier Design Orago These are just a few examples of lenses we have specialized for our patients. We welcome the challenge of customizing lenses for your unique lifestyle